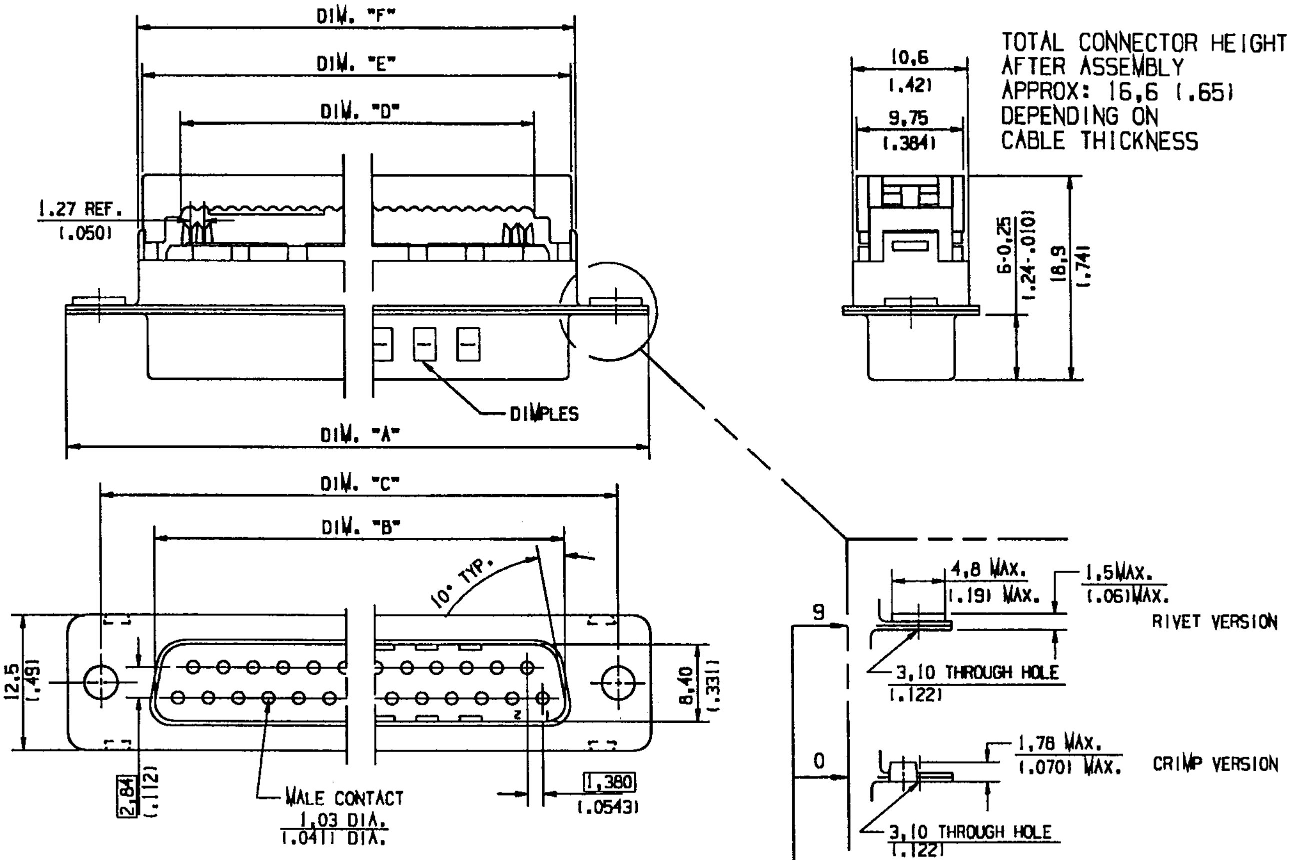
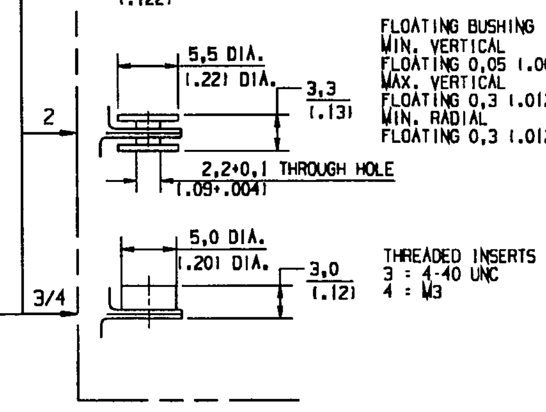
CONTACT QUANTITY	3M PART NUMBER	DIM. "A" + 0 mm - 0,76 mm	DIM. "B" + 0,10 mm - 0,10 mm	DIM. "C" + 0,10 mm - 0,10 mm	DIM. "D" + 0,10 mm - 0,10 mm	DIM. "E" + 0,10 mm - 0,10 mm	DIM. "F" + 0,25 mm - 0,25 mm
9	8209-X0XX	31,19(1.228)	16,95(.667)	25,00(.984)	11,75(.462)	16,90(.665)	17,8(.70)
15	8215-X0XX	39,52(1.556)	25,30(.996)	33,30(1.311)	19,40(.763)	25,20(.992)	26,1(1.03)
25	8225-X0XX	53,42(2.103)	39,00(1.535)	47,00(1.850)	32,20(1.267)	39,00(1.535)	39,8(1.57)
37	8237-X0XX	69,70(2.774)	55,45(2.183)	63,50(2.500)	47,60(1.874)	55,50(2.185)	56,3(2.22)





ORDERING INFORMATION

8 2 X X - X 0 X X

CONTACT QUANTITY

COVER STYLE

8 = OPEN END COVER
9 = CLOSED END COVER
WALL ON PIN # 1 ROW

FLANGE STYLE

SHROUD STYLE

0 : TIN / LEAD WITH DIMPLES.
1 : ZINC / CROMATE WITHOUT DIMPLES.
4 : TIN / LEAD WITHOUT DIMPLES.

ISSUE	ISSUE DATE	REV.	CH.
B	OCTOBER 10, 1996		Hc

Electronic Products Division

3M

D - SUB CONNECTOR MALE PREASSEMBLED

TOLERANCE UNLESS NOTED	.0	.00	.000
MM	± .25	± .10	
(INCH)	±	± .01	±.005

MM / (INCH)

SCALE %

DR. SPIJKER

APP. HORNIG

CS 4227

SHEET 1/2

DELTA CONNETOR SPECIFICATION

SCOPE : This specification details the requirements for a multipurpose pin connector having .0545“ (1,384 mm)x .112“ (2,84 mm) contact spacing transition between round conductor flat cable on .050“ (1,27 mm) centers and a socket connector having similar spacing

UL FILE NO. : **E 68080**
CSA FILE NO.: **LR 40971**

SPECIFICATIONS:

PHYSICAL	INSULATOR MATERIAL	Glass reinforced polyester Flammability rating:UL 94V-0
	COLOR	Grey
	MARKING	Raised figures; 3M logo; part identification/date code number;contact position number
	SHELL MATERIAL	Steel
	PLATING	Tin
	CONTACT MATERIAL	Copper alloy
	PLATING	Selective gold in functionel area over nickel
	WIRE ACCOMMODATION	26 AWG solid or stranded 28 AWG solid or stranded
	THREADED INSERT PUSH OUT FORCE	50 N min
ELECTRICAL	CURRENT RATING	1A
	INSULATING RESISTANCE	>1 x 10^9 Ω @ 500 vdc
	WITHSTANDING VOLTAGE	1000 VRMS @ Sea Level
ENVIRONMENTAL	TEMPERATURE RATING	-67 °F to +221 °F (-55 °C to +105 °C)

Electronic Products Division/3M
3M Laboratories (Europa) GmbH
D-21082 Hamburg

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